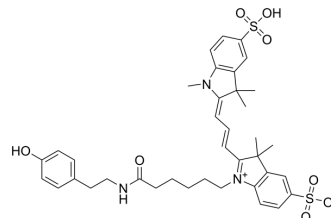


Cyanine 3 Tyramide methyl indole

Cat. No.:	HY-136248A
Molecular Formula:	C ₃₈ H ₄₅ N ₃ O ₈ S ₂
Molecular Weight:	735.91
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Cyanine 3 Tyramide methyl indole is a derivative of Cyanine 3 Tyramide (HY-136248). Cyanine 3 Tyramide is an orange fluorescent dye, and is utilized as reporter fluorescent substrate for horseradish peroxidase (HRP)-catalyzed deposition that is signal amplification technique in immunoassay and in situ hybridization of nucleic acids^{[1][2]}.

REFERENCES

- [1]. Chao J, et, al. Immunofluorescence signal amplification by the enzyme-catalyzed deposition of a fluorescent reporter substrate (CARD). Cytometry. 1996 Jan 1;23(1):48-53.
- [2]. Schmidt BF, et, al. Signal amplification in the detection of single-copy DNA and RNA by enzyme-catalyzed deposition (CARD) of the novel fluorescent reporter substrate Cy3.29-tyramide. J Histochem Cytochem. 1997 Mar;45(3):365-73.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA